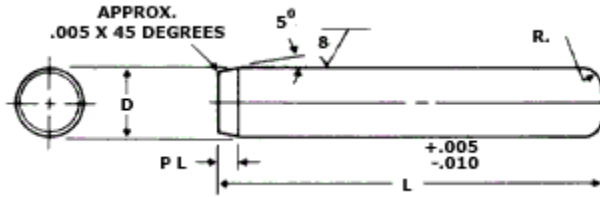


Dowel Pins



Standard +.0002"				
Alloy Steel	PD800---X---		Stainless Steel	PD188---X---
Oversize + 0.001"				
Alloy Steel	PDO800---X---		Stainless Steel	PDO188---X---
Pull Dowel				
Alloy Steel	PPD800---X---		Stainless Steel	PPD188---X---

Alloy Steel:
 Surface Hardness: RC 60min
 Core Hardness: RD 50-58
 Surface Finish: 8 MU
 Case Depth: 0.020" min

Comp. Number	Pin Size	Diameter D				P L (1)	R	Double Shear Load Min LB
		Standard Pin		Oversize Pin		Point Length (ref)	Top Radius Basic	
		Max	Min	Max	Min	Max	Min	Carbon or Alloy Steel
006	1/16	0.0628	0.0626	0.0636	0.0634		0.008	800
007	5/64	0.0784	0.0782	0.0792	0.0790		0.010	1240
008	3/32	0.0941	0.0939	0.0949	0.0947		0.012	1800
012	1/8	0.1253	0.1251	0.1261	0.1259	0.045	0.031	3200
015	5/32	0.1565	0.1563	0.1573	0.1571		0.020	5000
018	3/16	0.1878	0.1876	0.1886	0.1884	0.060	0.046	7200
025	1/4	0.2503	0.2501	0.2511	0.2509	0.070	0.062	12800
031	5/16	0.3128	0.3126	0.3136	0.3134	0.070	0.062	20000
037	3/8	0.3753	0.3751	0.3761	0.3759	0.080	0.078	28700
043	7/16	0.4378	0.4376	0.4386	0.4384	0.090	0.093	39100
050	1/2	0.5003	0.5001	0.5011	0.5009	0.090	0.125	51000
062	5/8	0.6253	0.6251	0.6261	0.6259	0.090	0.125	79800
075	3/4	0.7503	0.7501	0.7511	0.7509	0.120	0.125	114000
087	7/8	0.8753	0.8751	0.8761	0.8759	0.120	0.125	156000
100	1	1.0003	1.0001	1.0011	1.0009	0.120	0.125	204000

ASME/ANSI B18.8.82

- Note: 1. Common Material – 4037, 4140, 41L40
 2. 416 Stainless is HRC 25