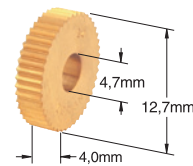


D Series

For knurl cutting, use full faced knurl wheels only.
 For End Feed form knurling, use beveled knurl wheels only.
 For In Feed form knurling, beveled or full faced may be used.



Circular Knurl Pitch		Included Tooth Angle	Knurl Pattern	D Series Knurl Wheel	Straight		Diagonal Right		Diagonal Left		Diamond		
Inch	Metric				High Speed TiN Coated	Cobalt TiN Coated	High Speed TiN Coated	Cobalt TiN Coated	High Speed TiN Coated	Cobalt TiN Coated	Female High Speed TiN Coated	Female Cobalt TiN Coated	
16 (TPI)	1,6mm	90°	Course	Description	DS-16-HS	DS-16-C	DDR-16-HS	DDR-16-C	DDL-16-HS	DDL-16-C	DF-16-HS	DF-16-C	
				Tracking Data	25T / .0204"	25T / .0204"	22T / .0232"	22T / .0232"	22T / .0232"	22T / .0232"	22T / .0232"	22T / .0232"	22T / .0232"
				Full Faced	25001	25002	25055	25056	25109	25110	-	-	
			Beveled	25028	25029	25082	25083	25136	25137	-	-		
20 (TPI)	1,2mm	90°	Medium	Description	DS-20-HS	DS-20-C	DDR-20-HS	DDR-20-C	DDL-20-HS	DDL-20-C	DF-20-HS	DF-20-C	
				Tracking Data	31T / .0164"	31T / .0164"	27T / .0188"	27T / .0188"	27T / .0188"	27T / .0188"	27T / .0188"	27T / .0188"	27T / .0188"
				Full Faced	25003	25004	25057	25058	25111	25112	25165	-	
			Beveled	25030	25031	25084	25085	25138	25139	25192	25193		
25 (TPI)	1,0mm	90°	Medium	Description	DS-25-HS	DS-25-C	DDR-25-HS	DDR-25-C	DDL-25-HS	DDL-25-C	DF-25-HS	DF-25-C	
				Tracking Data	38T / .0133"	38T / .0133"	34T / .0149"	34T / .0149"	34T / .0149"	34T / .0149"	34T / .0149"	34T / .0149"	34T / .0149"
				Full Faced	25005	25006	25059	25060	25113	25114	25167	25168	
			Beveled	25032	25033	25086	25087	25140	25141	25194	25195		
30 (TPI)	0,8mm	90°	Medium	Description	DS-30-HS	DS-30-C	DDR-30-HS	DDR-30-C	DDL-30-HS	DDL-30-C	DF-30-HS	DF-30-C	
				Tracking Data	47T / .0107"	47T / .0107"	40T / .0126"	40T / .0126"	40T / .0126"	40T / .0126"	40T / .0126"	40T / .0126"	40T / .0126"
				Full Faced	25007	25008	25061	25062	25115	25116	25169	25170	
			Beveled	25034	25035	25088	25089	25142	25143	25196	25197		
35 (TPI)	0,7mm	90°	Medium	Description	DS-35-HS	DS-35-C	DDR-35-HS	DDR-35-C	DDL-35-HS	DDL-35-C	DF-35-HS	DF-35-C	
				Tracking Data	55T / .0092"	55T / .0092"	47T / .0107"	47T / .0107"	47T / .0107"	47T / .0107"	47T / .0107"	47T / .0107"	47T / .0107"
				Full Faced	25009	25010	25063	25064	25117	25118	-	-	
			Beveled	25036	25037	25090	25091	25144	25145	-	-		
40 (TPI)	0,6mm	90°	Fine	Description	DS-40-HS	DS-40-C	DDR-40-HS	DDR-40-C	DDL-40-HS	DDL-40-C	DF-40-HS	DF-40-C	
				Tracking Data	63T / .0080"	63T / .0080"	55T / .0092"	55T / .0092"	55T / .0092"	55T / .0092"	55T / .0092"	55T / .0092"	55T / .0092"
				Full Faced	25011	25012	25065	25066	25119	25120	25173	25174	
			Beveled	25038	25039	25092	25093	25146	25147	25200	25201		
50 (TPI)	0,5mm	70°	Fine	Description	DS-50-HS	DS-50-C	DDR-50-HS	DDR-50-C	DDL-50-HS	DDL-50-C	DF-50-HS	DF-50-C	
				Tracking Data	79T / .0064"	79T / .0064"	68T / .0074"	68T / .0074"	68T / .0074"	68T / .0074"	68T / .0074"	68T / .0074"	68T / .0074"
				Full Faced	25013	25014	25067	25068	25121	25122	25175	25176	
			Beveled	25040	25041	25094	25095	25148	25149	25202	25203		
80 (TPI)	0,3mm	70°	Fine	Description	DS-80-HS	DS-80-C	DDR-80-HS	DDR-80-C	DDL-80-HS	DDL-80-C	DF-80-HS	DF-80-C	
				Tracking Data	125T / .0040"	125T / .0040"	107T / .0047"	107T / .0047"	107T / .0047"	107T / .0047"	107T / .0047"	107T / .0047"	107T / .0047"
				Full Faced	25015	25016	25069	25070	25123	25124	25177	25178	
			Beveled	25042	25043	25096	25097	25150	25151	25204	25205		
Diametral Pitch													
64	1,2mm	80°	Medium	Description	DS-64-HS	DS-64-C	DDR-64-HS	DDR-64-C	DDL-64-HS	DDL-64-C	DF-64-HS	DF-64-C	
				Tracking Data	32T / .0156"	32T / .0156"	32T / .0156"	32T / .0156"	32T / .0156"	32T / .0156"	32T / .0156"	32T / .0156"	32T / .0156"
				Full Faced	25017	25018	25071	25072	25125	25126	25179	-	
			Beveled	25044	25045	25098	25099	25152	25153	-	-		
96	0,8mm	80°	Medium	Description	DS-96-HS	DS-96-C	DDR-96-HS	DDR-96-C	DDL-96-HS	DDL-96-C	DF-96-HS	DF-96-C	
				Tracking Data	48T / .0104"	48T / .0104"	48T / .0104"	48T / .0104"	48T / .0104"	48T / .0104"	48T / .0104"	48T / .0104"	48T / .0104"
				Full Faced	25019	25020	25073	25074	25127	25128	25181	25182	
			Beveled	25046	25047	25100	25101	25154	25155	-	-		
128	0,6mm	80°	Fine	Description	DS-128-HS	DS-128-C	DDR-128-HS	DDR-128-C	DDL-128-HS	DDL-128-C	DF-128-HS	DF-128-C	
				Tracking Data	64T / .0078"	64T / .0078"	64T / .0078"	64T / .0078"	64T / .0078"	64T / .0078"	64T / .0078"	64T / .0078"	64T / .0078"
				Full Faced	25021	25022	25075	25076	25129	25130	25183	-	
			Beveled	25048	25049	25102	25103	25156	25157	-	-		
160	0,5mm	80°	Fine	Description	DS-160-HS	DS-160-C	DDR-160-HS	DDR-160-C	DDL-160-HS	DDL-160-C	DF-160-HS	DF-160-C	
				Tracking Data	80T / .0063"	80T / .0063"	80T / .0063"	80T / .0063"	80T / .0063"	80T / .0063"	80T / .0063"	80T / .0063"	80T / .0063"
				Full Faced	25023	25024	25077	25078	25131	25132	25185	25186	
			Beveled	25050	25051	25104	25105	25158	25159	-	25213		