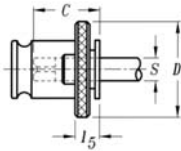


# Accessories Quick-Change Tap Adapters

## Positive Tap Drive

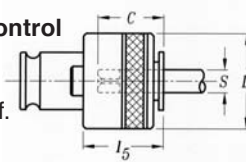
Do not select adapters beyond the capacity range of tapping unit itself



Adapter Series & Range	Tap Size	Order Number	D	I <sub>5</sub>	C	S	
P-0 #0-1/4" Hand	#0-#6	1001	.87	.28	.77	.141	
	#8	1002	.87	.28	.84	.168	
	#10	1003	.87	.28	.84	.194	
	#12	1004	.87	.28	.87	.220	
	1/4"	1005	.87	.28	.87	.255	
P-1 #0-9/16" Hand	#0-#6	1006	1.18	.28	.85	.141	
	#8	1007	1.18	.28	.92	.168	
	#10	1008	1.18	.28	.92	.194	
	#12	1009	1.18	.28	.95	.220	
	1/4"	1010	1.18	.28	.95	.255	
	5/16"	1012	1.18	.28	.98	.318	
	3/8"	1013	1.18	.28	1.05	.381	
	7/16"	1014	1.18	.28	1.08	.323	
	1/2"	1015	1.18	.28	1.11	.367	
	9/16"	10155	1.18	.28	1.06	.429	
	1/8" Pipe	1/8"SS 10166	1.18	.28	1.05	.313	
	1/8" Pipe	1/8"LS 10177	1.18	.28	1.05	.438	
	P-2 5/16" to 7/8" Hand	5/16"	1018	1.89	.43	1.49	.318
3/8"		1019	1.89	.43	1.56	.381	
7/16"		1020	1.89	.43	1.59	.323	
1/2"		1021	1.89	.43	1.62	.367	
9/16"		1022	1.89	.43	1.68	.429	
5/8"		1023	1.89	.43	1.74	.480	
11/16"		1024	1.89	.43	1.81	.542	
3/4"		1025	1.89	.43	1.87	.590	
13/16"		1026	1.89	.43	1.87	.652	
7/8"		1027	1.89	.43	1.93	.697	
1/4" to 1/2" Pipe		1/4"p 10288	1.89	.43	1.18	.562	
3/8"p 10299		1.89	.43	1.24	.700		
1/2"p 10300		1.89	.43	1.37	.687		
P-3 13/16" to 1-3/8" Hand		13/16"	1031	2.76	.55	2.42	.652
		7/8"	1032	2.76	.55	2.48	.697
	15/16"	1033	2.76	.55	2.48	.760	
	1"	1034	2.76	.55	2.54	.800	
	1-1/8"	1035	2.76	.55	2.61	.896	
	1-1/4"	1036	2.76	.55	2.73	1.021	
	1-3/8"	1037	2.76	.55	2.79	1.108	
	3/8"-1" Pipe	3/8"p 10386	2.76	.55	1.55	.700	
	1/2"p 10387	2.76	.55	1.55	.687		
	3/4"p 10388	2.76	.55	1.55	.906		
1"p 10389	2.76	.55	1.68	1.125			
P-4 1" to 1-7/8" Hand	1"	10391					
	1-1/8"	10393					
	1-1/4"	1039	3.62	1.52	2.62	1.021	
	1-3/8"	1040	3.62	1.52	2.74	1.108	
	1-1/2"	1041	3.62	1.52	2.79	1.233	
	1-5/8"	1042	3.62	1.52	2.79	1.305	
	1-3/4"	1043	3.62	1.52	2.92	1.430	
	1-7/8"	10435					
3/4" to 1-1/2" Pipe	3/4"p 10440	3.62	1.52	1.90	.906		
	1"p 10442	3.62	1.52	2.10	1.125		
	1-1/4"p 10444	3.62	1.52	2.13	1.312		
	1-1/2"p 10455	3.62	1.52	2.30	1.500		

## Adjustable Torque Control

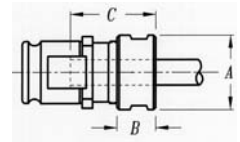
Do not select adapters beyond the capacity range of tapping unit itself.



Adapter Series & Range	Tap Size	Number	D	I <sub>5</sub>	C	S	Permissible Torque ft. lbs.	
T-0 #0 to 1/4" Hand	#0-6	1046	.91	.83	.77	.141	1.1	
	#8	1047	.91	.83	.84	.168	1.7	
	#10	1048	.91	.83	.84	.194	2.2	
	#12	1049	.91	.83	.87	.220	2.5	
	1/4"	1050	.91	.83	.87	.255	4.3	
T-1 #0 to 9/16" Hand	#0-#6	1051	1.26	.98	.85	.141	1.1	
	#8	1052	1.26	.98	.92	.168	1.7	
	#10	1053	1.26	.98	.92	.194	2.2	
	#12	1054	1.26	.98	.95	.220	2.5	
	1/4"	1055	1.26	.98	.95	.255	4.3	
	5/16"	1056	1.26	.98	.98	.318	7.2	
	3/8"	1057	1.26	.98	1.05	.381	10.8	
	7/16"	1058	1.26	.98	1.08	.323	17.0	
	1/2"	1059	1.26	.98	1.11	.367	25.0	
	9/16"	10595	1.26	.98	1.06	.429	29.0	
	1/8" Pipe	1/8"SS 10600	1.26	.98	1.05	.313	7.0	
	1/8" Pipe	1/8"LS 10611	1.26	.98	1.05	.438	29.0	
	T-2 5/16" to 7/8" Hand	5/16"	1062	1.97	1.34	1.49	.318	7.2
		3/8"	1063	1.97	1.34	1.56	.381	10.8
		7/16"	1064	1.97	1.34	1.59	.323	17.0
1/2"		1065	1.97	1.34	1.62	.367	25.0	
9/16"		1066	1.97	1.34	1.68	.429	29.0	
5/8"		1067	1.97	1.34	1.74	.480	36.0	
11/16"		1068	1.97	1.34	1.81	.542	40.0	
3/4"		1069	1.97	1.34	1.87	.590	53.0	
13/16"		1070	1.97	1.34	1.87	.652	57.0	
7/8"		1071	1.97	1.34	1.93	.697	69.0	
1/4" to 1/2" Pipe		1/4"p 10722	1.97	1.34	1.18	.562	11.0	
3/8"p 10733		1.97	1.34	1.24	.700	14.0		
1/2"p 10744		1.97	1.34	1.37	.687	32.0		
T-3 13/16" to 1-3/8" Hand		13/16"	1075	2.83	1.77	2.42	.652	57.0
		7/8"	1076	2.83	1.77	2.48	.697	69.0
	15/16"	1077	2.83	1.77	2.48	.760	76.0	
	1"	1078	2.83	1.77	2.54	.800	94.0	
	1-1/8"	1079	2.83	1.77	2.61	.896	126.0	
	1-1/4"	1080	2.83	1.77	2.73	1.021	144.0	
	1-3/8"	1081	2.83	1.77	2.79	1.108	188.0	
	3/8"-1" Pipe	3/8"p 1082	2.83	1.77	1.55	.700	14.0	
	1/2"p 10821	2.83	1.77	1.55	.687	32.0		
	3/4"p 10822	2.83	1.77	1.55	.906	42.0		
	1"p 10833	2.83	1.77	1.68	1.125	81.0		
	T-4 1" to 1-7/8" Hand	1"	10835					
1-1/8"		10836						
1-1/4"		10837	3.74	2.54	2.74	1.021	144.0	
1-3/8"		1084	3.74	2.54	2.74	1.108	188.0	
1-1/2"		1085	3.74	2.54	2.79	1.233	206.0	
1-5/8"		1086	3.74	2.54	2.79	1.305	282.0	
1-3/4"		1087	3.74	2.54	2.92	1.430	304.0	
1-7/8"		10875						
3/4" to 1-1/2" Pipe		3/4"p 10880	3.74	2.54	1.90	.906	42.0	
1"p 10882		3.74	2.54	2.10	1.125	81.0		
1-1/4"p 10899		3.74	2.54	2.13	1.312	103.0		
1-1/2"p 10900		3.74	2.54	2.30	1.500	118.0		

## TAPMATIC Collet Chuck Quick-Change Adapter

Standard RUBBER-FLEX Collets Included



ADAPTER #0	Order No.	Capacity
29350	#0-1/4" M1.4-M7	
	Standard Collets Included	
	21600	(#0-#8)
	21700	(#10-1/4")
Optional Collets	21500	(.040-.098)
	A	.734
	B	.550
	C	.828
ADAPTER #1	Order No.	Capacity
29351	#6-1/2" M3-M12	
	Standard Collets Included	
	22100	(#0-1/4")
	22200	(1/4"-1/2")
Optional Collets	22000	(.194 - .318)
	22300	(.090-.180)
	A	1.078
	B	.734
	C	1.062
ADAPTER #2	Order No.	Capacity
29352	#10-3/4" M5-M18	
	Standard Collets Included	
	24100	(#10-1/2")
	24500	(1/2"-3/4")
Optional Collets	24300	(.110-.280)
	24000	(.318-.480)
	A	1.468
	B	.968
	C	1.500
ADAPTER #3	Order No.	Capacity
29353	1/2"-1-1/8" M10-M28	
	Standard Collets Included	
	26100	(1/2"-3/4")
	26200	(7/8-1-1/8")
Optional Collets	None	
	A	2.125
	B	1.250
	C	2.000

# Accessories Interchangeable Chuck Inserts & High-Speed & TG Quick-Change Adapters

## TAPMATIC ER COLLET QUICK-CHANGE ADAPTERS FOR SFT SYNCHROFLEX And RCT50 Provide Best Performance and Concentricity

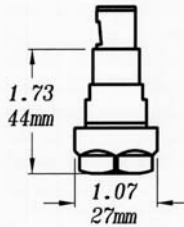
Catalog No.	For Model	Collet Nut	For Collet Series L	
8208216	SFT50QC	Standard	#16	.94 (24mm)
8208216S		Seal Nut		1.10 (28mm)
8218220	SFT75QC	Standard	#20	1.38 (35mm)
8218220S		Seal Nut		1.57 (40mm)



## INTERCHANGEABLE INSERTS FOR USE IN RDTXT AND RDTICXT

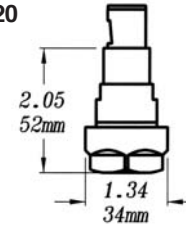


### Steel Collet Inserts ER16



### \*Steel Collet Inserts ER20

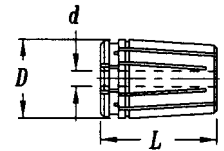
\*Maximum Speed with ER20 Insert 1500 RPM



Capacity In 1010 Mild Steel	Insert Type	Built In Square For Tap Size Shown	Catalog No.	*Collet Series Order Separately
#10-1/2" M4.5-M12 Roll Form 3/8" Max NP 1/16", 1/8"	ER16	3/8", 1/2", M10 DIN 371	29378	#16 Series Square Drive or Standard Collets
	<b>FOR SPECIAL LARGER TAP SIZE APPLICATIONS</b>			
	ER20	NONE	29391	#20 Series Square Drive or Standard Collets
	ER20	9/16"	29392	
	ER20	5/8" or M14	29393	
	ER20	M16, DIN 376		

\*For Square Drive Or Standard Collets. Please Order Separately.

## TG COLLETS "Tremendous Grip" COLLETS Recommended for SynchroFlex Tap Holders With TG Spindle (see page 9) and EX-HPC "Extreme, High Performance" Carbide Taps



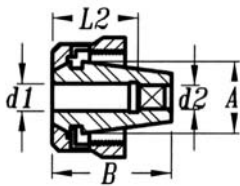
INCH					METRIC						
Series	Tapmatic Catalog No.	d	D	L	Kennametal Catalog No.	Series	Tapmatic Catalog No.	d	D	L	Kennametal Catalog No.
50TG	21350250	.250	.760	1.438	50TG0250	50TG	2135006	6mm	.760	1.438	50TG060M
	21350312	.312	(19.3mm)	(36.5mm)	50TG0312		2135008	8mm	(19.3mm)	(36.5mm)	50TG080M
	21350375	.375			50TG0375		2135010	10mm			50TG100M
75TG	21375375	.375	1.062	1.844	75TG0375	75TG	2137510	10mm	1.062	1.844	75TG100M
	21375437	.437	(27mm)	(47mm)	75TG0438		2137512	12mm	(27mm)	(47mm)	75TG120M
	21375500	.500			75TG0500		2137514	14mm			75TG140M
	21375562	.562			75TG0562		2137516	16mm			75TG160M
100TG	213100500	.500	1.379	2.375	100TG0500	100TG	21310012	12mm	1.379	2.375	100TG120M
	213100562	.562	(35mm)	(60mm)	100TG0562		21310014	14mm	(35mm)	(60mm)	100TG140M
	213100625	.625			100TG0625		21310016	16mm			100TG160M
							21310018	18mm			100TG180M

Additional Sizes and sealed collets for coolant through the spindle are also available.

# Accessories Square Drive ER Steel Collets For Inch & Metric Shank Taps

## ER Collets With Square Drive With Inch Tap Shanks

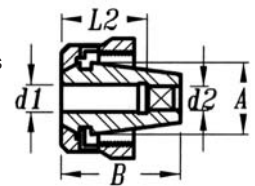
For Use SFT, RCT & RDT Attachments With Steel Collet Spindles. **For Tapping, please select square drive steel collets whenever possible.**



Series	Catalog No.	Collet Range		Square Size			
		Tap Size	Shank Size	d2	A	B	L2
#11 Series	21000	#0-#6	.141	.110			
	21001	#8	.168	.131			
	21002	#10	.194	.152			
#16 Series	21004	#0-#6	.141	.110	.629	1.083	.709
	21005	#8	.168	.131	.629	1.083	.709
	21006	#10	.194	.152	.629	1.083	.709
	21008	#12	.220	.165	.629	1.083	.709
	21010	1/4"	.255	.191	.629	1.083	.709
	21012	5/16"	.318	.238	.629	1.083	.866
	21014	7/16"	.323	.242	.629	1.083	.866
#20 Series	21019	#8	.168	.131	.787	1.240	.709
	21020	#10	.194	.152	.787	1.240	.709
	21021	#12	.220	.165	.787	1.240	.709
	21022	1/4"	.255	.191	.787	1.240	.709
	21023	5/16"	.318	.238	.787	1.240	.866
	21024	7/16"	.323	.242	.787	1.240	.866
	21025	1/2"	.367	.275	.787	1.240	.866
	21026	3/8"	.381	.286	.787	1.240	.866
	21027	1/16" pipe	.3125	.234	.787	1.240	.866
#25 Series	21029	5/16"	.318	.238	.984	1.338	.866
	21030	7/16"	.323	.242	.984	1.338	.866
	21032	1/2"	.367	.275	.984	1.338	.866
	21034	3/8"	.381	.286	.984	1.338	.866
	21036	9/16"	.429	.322	.984	1.338	.984
	21038	5/8"	.480	.360	.984	1.338	.984
	21040	11/16"	.542	.406	.984	1.338	.984
	21043	1/4" pipe	.562	.421	.984	1.338	.984
	21044	3/4"	.590	.442	.984	1.338	.984
#32 Series	21048	5/16"	.318	.238	1.260	1.575	.866
	21049	7/16"	.323	.242	1.260	1.575	.866
	21052	3/8"	.381	.286	1.260	1.575	.866
	21050	1/2"	.367	.275	1.260	1.575	.866
	21054	9/16"	.429	.322	1.260	1.575	.984
	21058	5/8"	.480	.360	1.260	1.575	.984
	21060	11/16"	.542	.406	1.260	1.575	.984
	21064	3/4"	.590	.442	1.260	1.575	.984
	21066	13/16"	.652	.489	1.260	1.575	.984
	21068	7/8"	.697	.523	1.260	1.575	.984
	21056	1/8" pipe	.437	.328	1.260	1.575	.984
	21062	1/4" pipe	.562	.421	1.260	1.575	.984
	21070	1"	.800	.600	1.260	1.575	1.102
#40 Series	21104	1/2"	.367	.275	1.575	1.811	.866
	21105	3/8"	.381	.286	1.575	1.811	.866
	21106	9/16"	.429	.322	1.575	1.811	.984
	21107	5/8"	.480	.360	1.575	1.811	.984
	21108	11/16"	.542	.406	1.575	1.811	.984
	21109	3/4"	.590	.442	1.575	1.811	.984
	21110	13/16"	.652	.489	1.575	1.811	.984
	21111	7/8"	.697	.523	1.575	1.811	.984
	21112	15/16"	.760	.570	1.575	1.811	.984
	21113	1"	.800	.600	1.575	1.811	1.102
	21117	1 1/8"	.896	.672	1.575	1.811	1.102
	21114	1/4" pipe	.562	.421	1.575	1.811	.984
	21115	3/8" pipe	.700	.531	1.575	1.811	.984
	21116	1/2" pipe	.687	.515	1.575	1.811	.984

## ER Collets With Square Drive With Metric Tap Shanks

For Use With SFT, RCT & RDT Attachments With Steel Collet Spindles. **For Tapping, please select square drive steel collets whenever possible.**



Series	Catalog No.	Collet Range		L2
		Shank Size	Square	
#16 Series	21085	4.5	3.4	18
	21086	5.5	4.3	18
	21087	6	4.9	18
	21088	7	5.5	18
	21089	8	6.2	22
	21090	6.3	5	18
	21091	7.1	5.6	18
	21092	9	7	22
	#20 Series	21077	4.5	3.4
21078		5.5	4.3	18
21079		6	4.9	18
21080		7	5.5	18
21081		8	6.2	22
21082		9	7	22
21083		10	8	22
21084		11	9	25
#25 Series	21152	8.5	6.5	22
	21153	7	5.5	18
	21154	8	6.2	22
	21155	9	7	22
	21156	10	8	25
	21157	11	9	25
	21158	12	9	25
	21159	14	11	25
#32 Series	21163	9	7	22
	21164	10	8	25
	21165	11	9	25
	21166	12	9	25
	21167	14	11	25
	21168	16	12	25
	#40 Series	21123	14	11
21124		16	12	25
21125		18	14.5	25
21127		22	18	28

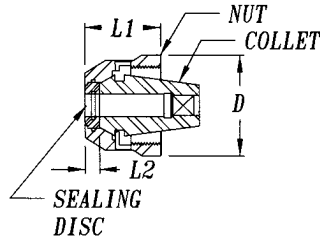
## Square Drives For Larger Tap Sizes With ER16

**For RDT50- Use Standard Collet #20953 with these square drives to hold the largest taps.**

Description	Square Drive Catalog No.
1/2" tap with .367 shank, .275 square	72365276
3/8" tap with .381 shank, .286 square	72365287
M10 tap with 10mm shank, 8mm square Square Drive Already included in tool	
<b>For RDTIC50- Use Standard Collet #20953 with these square drives to hold the largest taps.</b>	
Description	Square Drive Catalog No.
1/2" tap with .367 shank, .275 square	72365276C
3/8" tap with .381 shank, .286 square	72365287C
M10 tap with 10mm shank, 8mm square	72365316C

# Accessories Sealing Disk Nuts, Steel Collet Seals

**ER Collet Nuts For Use With Sealing Disc.**  
Collet shown here for reference only. Please order separately.



## Steel Collet Sealing Disc Nut For Use With RDTIC and SFT Steel Collet Models

Description	Catalog No.	L1	L2	D
#16 Series Sealable Nut	70116	.883	.194	1.098
#20 Series Sealable Nut	70120	.944	.200	1.332
#25 Series Sealable Nut	70125	.984	.215	1.652
#32 Series Sealable Nut	70132	1.084	.220	1.965
#40 Series Sealable Nut	70140	1.200	.220	2.480

## Steel Collet Seals For Use With Coolant Through Steel Collet Models and Sealing Disk Nuts.

Description #16 Series Seals	Catalog No.
Size	
(Complete Set 14 pcs.)	<b>70117</b>
3-3.5mm (.118-.138)	<b>70117-35</b>
3.5-4mm (.138-.157)	<b>70117-40</b>
4-4.5mm (.157-.177)	<b>70117-45</b>
4.5-5mm (.177-.197)	<b>70117-50</b>
5-5.5mm (.197-.217)	<b>70117-55</b>
5.5-6mm (.217-.236)	<b>70117-60</b>
6-6.5mm (.236-.256)	<b>70117-65</b>
6.5-7mm (.256-.276)	<b>70117-70</b>
7-7.5mm (.276-.295)	<b>70117-75</b>
7.5-8mm (.295-.315)	<b>70117-80</b>
8-8.5mm (.315-.335)	<b>70117-85</b>
8.5-9mm (.335-.354)	<b>70117-90</b>
9-9.5mm (.354-.374)	<b>70117-95</b>
9.5-10mm (.374-.394)	<b>70117-100</b>

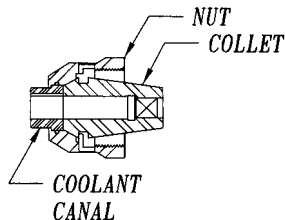
Description #20 Series Seals	Catalog No.
Size	
(Complete Set 20 pcs.)	<b>70121</b>
3-3.5mm (.118-.138)	<b>70121-35</b>
3.5-4mm (.138-.157)	<b>70121-40</b>
4-4.5mm (.157-.177)	<b>70121-45</b>
4.5-5mm (.177-.197)	<b>70121-50</b>
5-5.5mm (.197-.217)	<b>70121-55</b>
5.5-6mm (.217-.236)	<b>70121-60</b>
6-6.5mm (.236-.256)	<b>70121-65</b>
6.5-7mm (.256-.276)	<b>70121-70</b>
7-7.5mm (.276-.295)	<b>70121-75</b>
7.5-8mm (.295-.315)	<b>70121-80</b>
8-8.5mm (.315-.335)	<b>70121-85</b>
8.5-9mm (.335-.354)	<b>70121-90</b>
9-9.5mm (.354-.374)	<b>70121-95</b>
9.5-10mm (.374-.394)	<b>70121-100</b>
10-10.5mm (.394-.413)	<b>70121-105</b>
10.5-11mm (.413-.433)	<b>70121-110</b>
11-11.5mm (.433-.453)	<b>70121-115</b>
11.5-12mm (.453-.472)	<b>70121-120</b>
12-12.5mm (.472-.492)	<b>70121-125</b>

Description #25 Series Seals	Catalog No.
Size	
Complete Set 26 pcs.)	<b>70126</b>
3-3.5mm (.118-.138)	<b>70126-35</b>
3.5-4mm (.138-.157)	<b>70126-40</b>
4-4.5mm (.157-.177)	<b>70126-45</b>
4.5-5mm (.177-.197)	<b>70126-50</b>
5-5.5mm (.197-.217)	<b>70126-55</b>
5.5-6mm (.217-.236)	<b>70126-60</b>
6-6.5mm (.236-.256)	<b>70126-65</b>
6.5-7mm (.256-.276)	<b>70126-70</b>
7-7.5mm (.276-.295)	<b>70126-75</b>
7.5-8mm (.295-.315)	<b>70126-80</b>
8-8.5mm (.315-.335)	<b>70126-85</b>
8.5-9mm (.335-.354)	<b>70126-90</b>
9-9.5mm (.354-.374)	<b>70126-95</b>
9.5-10mm (.374-.394)	<b>70126-100</b>
10-10.5mm (.394-.413)	<b>70126-105</b>
10.5-11mm (.413-.433)	<b>70126-110</b>
11-11.5mm (.433-.453)	<b>70126-115</b>
11.5-12mm (.453-.472)	<b>70126-120</b>
12-12.5mm (.472-.492)	<b>70126-125</b>
12.5-13mm (.492-.512)	<b>70126-130</b>
13-13.5mm (.512-.531)	<b>70126-135</b>
13.5-14mm (.531-.551)	<b>70126-140</b>
14-14.5mm (.551-.571)	<b>70126-145</b>
14.5-15mm (.571-.591)	<b>70126-150</b>
15-15.5mm (.591-.610)	<b>70126-155</b>
15.5-16mm (.610-.630)	<b>70126-160</b>

Description #32 Series Seals	Catalog No.
Size	
(Complete Set 34 pcs.)	<b>70133</b>
3-3.5mm (.118-.138)	<b>70133-35</b>
3.5-4mm (.138-.157)	<b>70133-40</b>
4-4.5mm (.157-.177)	<b>70133-45</b>
4.5-5mm (.177-.197)	<b>70133-50</b>
5-5.5mm (.197-.217)	<b>70133-55</b>
5.5-6mm (.217-.236)	<b>70133-60</b>
6-6.5mm (.236-.256)	<b>70133-65</b>
6.5-7mm (.256-.276)	<b>70133-70</b>
7-7.5mm (.276-.295)	<b>70133-75</b>
7.5-8mm (.295-.315)	<b>70133-80</b>
8-8.5mm (.315-.335)	<b>70133-85</b>
8.5-9mm (.335-.354)	<b>70133-90</b>
9-9.5mm (.354-.374)	<b>70133-95</b>
9.5-10mm (.374-.394)	<b>70133-100</b>
10-10.5mm (.394-.413)	<b>70133-105</b>
10.5-11mm (.413-.433)	<b>70133-110</b>
11-11.5mm (.433-.453)	<b>70133-115</b>
11.5-12mm (.453-.472)	<b>70133-120</b>
12-12.5mm (.472-.492)	<b>70133-125</b>
12.5-13mm (.492-.512)	<b>70133-130</b>
13-13.5mm (.512-.531)	<b>70133-135</b>
13.5-14mm (.531-.551)	<b>70133-140</b>
14-14.5mm (.551-.571)	<b>70133-145</b>
14.5-15mm (.571-.591)	<b>70133-150</b>
15-15.5mm (.591-.610)	<b>70133-155</b>
15.5-16mm (.610-.630)	<b>70133-160</b>
16-16.5mm (.630-.650)	<b>70133-165</b>
16.5-17mm (.650-.670)	<b>70133-170</b>
17-17.5mm (.670-.690)	<b>70133-175</b>
17.5-18mm (.690-.710)	<b>70133-180</b>
18-18.5mm (.710-.730)	<b>70133-185</b>
18.5-19mm (.730-.748)	<b>70133-190</b>
19-19.5mm (.748-.767)	<b>70133-195</b>
19.5-20mm (.767-.787)	<b>70133-200</b>

**Tapmatic Also Offers Coolant Canal Sleeves For Coolant Along Outside of Tap**

Please specify by tap shank diameter



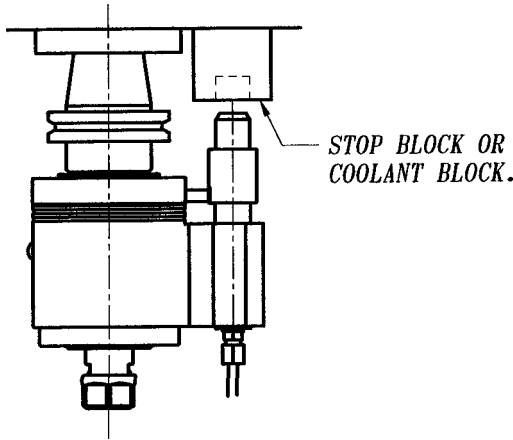
## ER Collet Clamping Nuts and Wrenches

ER Collet Nuts Size	Catalog No.	Wrenches For Nuts Wrench Type	Catalog No.
#8	69618	Open End	28000
#11	69318	Open End	28068
#16	69518	Open End	28100
#16 Series (Mini)	69518M	Special Spanner	69517
#20 Series	70018	Open End	28117
#25	69918	Spanner	69917
#32 Series	71118	Spanner	71117
#40 Series	71318	Spanner	71317

# Accessories Installation For RDT, RDTIC & RCT Models

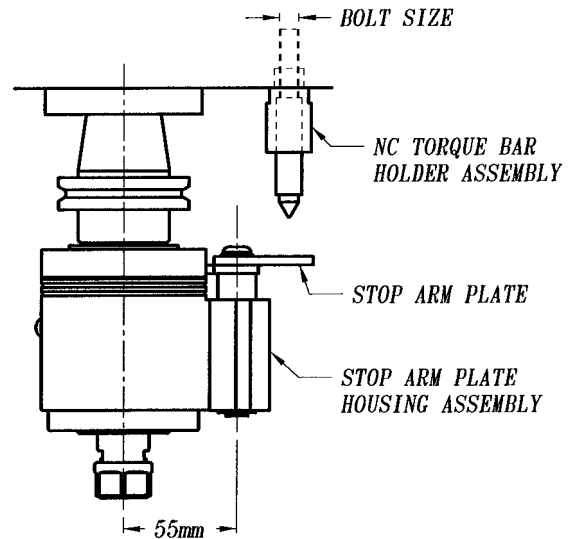
Stop Blocks And Coolant Port Blocks Are For Use With RDT, RDTIC And RCT Models  
Tapmatic Blocks are machinable by the customer for proper location on the machine spindle face.

## PREFERRED INSTALLATION



Standard Block With Coolant Inlet	Catalog No.	
	36000	
Standard Block Without Coolant Inlet <i>Preferred</i>	Catalog No.	
	36007	
Standard Block Without Coolant Inlet <i>Preferred</i>	Catalog No.	
	36010	
Standard Block Without Coolant Inlet With Taper (Recommended For RSR50 VMC)	Catalog No.	
	56014	

## STOP ARM PLATE INSTALLATION



### Stop Arm Plate Housing Assembly

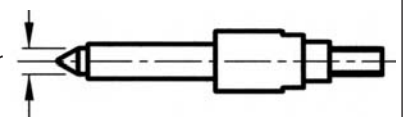
For Models	Catalog No.	
RDT15, RDT25 RDT50	392552 395052	

### Stop Arm Plates

Catalog No.	Bolt Circle Diameter Covered By Stop Arm With RDT15, 25, or 50		
723420	4 1/2"	to 5 1/4"	
723421	5 3/8"	to 5 7/8"	
723422	5 7/8"	to 6 3/4"	
723423	6 3/4"	to 7 5/8"	
723424	7 5/8"	to 8 1/2"	
723425	8 1/2"	to 9 3/8"	
723426	9 3/8"	to 10 1/8"	

### N/C Torque Bar Holder Assembly

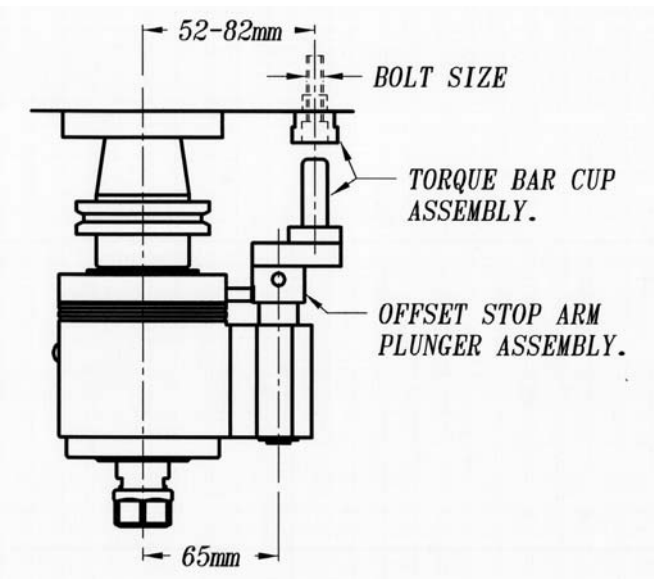
For Use with Stop Arm Plate.  
Includes Torque Bar Housing,  
Torque Bar Quill Set Screw,  
Locking Set Screw. Torque Bar  
Installation must be stronger  
than the largest tap.



Catalog No.	Bolt Size	Catalog No.	Bolt Size
69383A	M-6	69389A	5/16"-18
69384A	M-8	69390A	5/16"-24
69385A	M-10	69391A	3/8"-16
69386A	M-12	69392A	3/8"-24
69387A	1/4"-20	69393A	1/2"-13
69388A	1/4"-28	69394A	1/2"-20

# Accessories Alternative Installation & NC Arbors

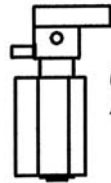
## TORQUE BAR CUP INSTALLATION



### Offset Stop Arm Plunger Assembly

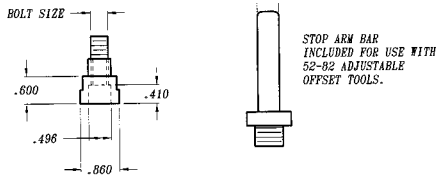
For Models Catalog No.

RDT15, RDT25 72186A  
RDT50 72386A



OFFSET STOP ARM PLUNGER ASSEMBLY

### NC Torque Bar Cup Assembly

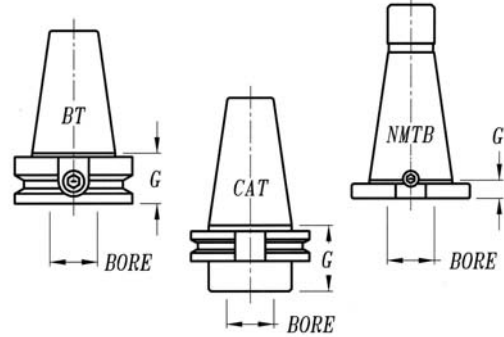


Catalog No.	Bolt Size	Catalog No.	Bolt Size	
69283A	M6	69289A	5/16"-18	<b>NOTE: Stop Arm Torque Bar Installation Must Be Stronger Than Largest Tap.</b>
69284A	M8	69290A	5/16"-24	
69285A	M10	69291A	3/8"-16	
69286A	M12	69292A	3/8"-24	
69287A	1/4"-20	69293A	1/2"-13	
69288A	1/4"-28	69294A	1/2"-20	

## CAT, BT And NMTB Arbors

To Fit Straight Shank Tapping Attachment

Tapmatic Arbors are designed to work with all of the installation methods shown in catalog and will provide the shortest possible overall length. Tapmatic shanks must be used with Tapmatic units.



NC Arbors	Catalog No.	Bore	Weight	G
CAT-40	23951	1"	1.7 lb.	1.375
CAT-40	23947	25mm	.7 kg.	35mm
CAT-45	23954	1"	3.6 lb.	1.375
			1.6 kg.	35mm
CAT-50	23953	1"	6 lb.	1.375
CAT-50	23948	25mm	2.7 kg.	35mm
CAT-50	23957	1-1/2"	6 lb.	1.375
			2.7 kg.	35mm
BT-30	23949	1"	1 lb.	1.500
			.4 kg.	38mm
BT-35	23958	1"	1 lb.	1.375
			.4 kg.	35mm
BT-40	23952	1"	1.7 lb.	1.375
BT-40	23943	25mm	.7 kg.	35mm
BT-45	23956	1"	4.5 lb.	1.675
			2.0 kg.	42.5mm
BT-50	23955	1"	8 lb.	1.875
BT-50	23945	25mm	3.6 kg.	47.6mm
NMTB - 40	23950	1"	1.2 lb.	.390
			.5 kg.	10mm

### Reducing Sleeve

For use with smaller straight shank tools and the arbors shown above.

Catalog No.	Outside Dia.-Inside Dia.
23921	1" - 3/4"
23922	1" - 1/2"

### HSK Shanks

Tapmatic HSK shanks are designed to work with all installation methods shown in the catalog. When the shortest possible length is required, please see integral shank HSK models.

	NC Arbor	Catalog No.	Bore	Weight	G
	HSK63A	23969	1"	3.5 Lb.	3.020
	HSK 80A	23973	1"	5.0 Lb.	3.200
	HSK 100 A	23971	1"	10.0 Lb.	3.280
				4.2 Kg.	83mm

# Accessories Rubber-Flex Collets, Steel Collets, & Accessories

**Rubber Flex Collets**  
For Use With Tapping Attachments  
With Rubber-Flex Collet Spindles.



Collet Series	Catalog No.	Collet Range	
		Tap Size	Shank Size
<b>#21000 Series</b> For attachments with capacities (#0-1/4")	21600	#0-#8 Standard	.098-.177
	21700	#10-1/4" Standard	.177-.256
	21500		.040-.098
<b>#22000 Series</b> For attachments with capacities (#6-1/2")	22100	#0-1/4" Standard	.139-.257
	22200	1/4"-1/2" Standard	.253-.383
	22300		.090-.180
	22000		.194-.318
<b>#24000 Series</b> For attachments with capacities (#10-3/4")	24100	#10-1/2" Standard	.176-.383
	24000	5/16"-5/8"	.280-.500
	24300		.110-.280
	24500		.393-.590
<b>#26000 Series</b> For attachments with capacities (1/2"-1-1/8")	26100	1/2"-3/4"	.360-.630
	26200	7/8"-1-1/8"	.630-.900

**Quill Mount Torque Bars**  
Clamp Around Quill Of Machine

Catalog No.	Diameter	Capacity
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**Vee Type**

29099	1-1/2" - 2-3/8"	1/2"
290991	2-3/8" - 4-1/2"	3/4"

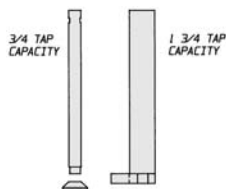


▲ Always mount a torque bar to hold the tapping attachment's stop arm from rotating. The torque bar must be mounted securely to the table or quill of your machine. The torque bar installation must be stronger than the largest tap in the capacity range of your tapping attachment.  
Order Tapmatic Torque Bars shown.

**Table Mount Torque Bars Mount To The "T" Slots Of Table**

Catalog No	Tap Capacity
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29097	3/4"
29096	1 3/4"



**Steel Collets**  
For Use With Model 100XB



Catalog No.	Tap Size	Shank Size
20305		.035-.039
20100		.043-.049
20307		.055-.061
20200		.063-.071
20310		.091-.098
20311		.110-.118
20300	#0 Standard	.130-.142

**Hex Keys, Wrenches & Accessories**  
For Tapmatic Tapping Attachments

Catalog No.	Description	Size
27062	Hex Key	1/16"
27078	Hex Key	5/64"
27093	Hex Key	3/32"
27125	Hex Key	1/8"
27140	Hex Key	9/64"
27156	Hex Key	5/32"
27187	Hex Key	3/16"
27218	Hex Key	7/32"
27221	Hex Key	2.5mm
27222	Hex Key	2mm
27223	Hex Key	3mm
27224	Hex Key	4mm
28000	Open End Wrench	9/32"-3/16"
28002	Open End Wrench	7/16" by 9/32"
28050	Open End Wrench	1/2"
28062	Open End Wrench	5/8"
28068	Open End Wrench	Size 11 Nut
28075	Open End Wrench	3/4"
28087	Open End Wrench	7/8"
28097	Open End Wrench	31/32"
28100	Open End Wrench	Size 16 Nut
28117	Open End Wrench	Size 20 Nut
28131	Open End Wrench	1-5/16"
28156	Open End Wrench	1-9/16"
28200	Open End Wrench	2"
29030	Spanner Wrench	30 series
29050	Spanner Wrench	50 series
29070	Spanner Wrench	70 series
29081	Spring Hook	#1
29085	Spring Hook	#5
29080	Spring Hook	#10
29090	Spring Puller	
69341	Alignment Key	
711041	Size 50 Lock Nut Key	
712041	Size 25 Lock Nut Key	

**Tapmatic Grease Tube Catalog No.**

Box of 12	29000
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**PINPAL**  
Flexible System  
For Holding Gauge Pins





Replace Hundreds  
Of Dedicated  
Gauge Pin Holders  
With A Single PINPAL



Catalog #	Description	Capacity
36265	<b>PINPAL 6.5 Kit</b> Includes 6 Collets: (2) 21500, (2) 21600, (2) 21700	.040 - .2561mm - 6.5mm
36265w/oc	<b>PINPAL 6.5 Without collets</b>	
36210	<b>PINPAL 10 Kit</b> Includes 4 Collets: (2) 22100, (2) 22200	.139 - .3833.5mm - 10mm
36210w/oc	<b>PINPAL10 Without collets</b>	

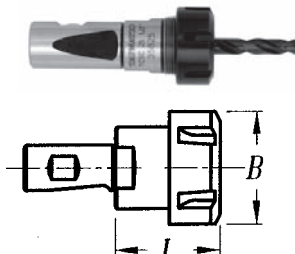
# Accessories Arbors Morse Taper, Straight Shank, R8, NMTB And Kwik Switch

Morse Taper Arbor To Fit Jacobs Taper Mount Tapping Attachments			
Arbor Type	Catalog No.	Arbor Description	Tapping Attachment Mount Size
	20101	#1 M.T.	#1 J.T.
	20201	#2 M.T.	#1 J.T.
	20206	#2MT	#6JT
	20301	#3 M.T.	#1 J.T.
	20133	#1 M.T.	#33 J.T.
	20233	#2 M.T.	#33 J.T.
	20333	#3 M.T.	#33 J.T.
	20306	#3MT	#6JT
	20433	#4 M.T.	#33 J.T.
	20203	#2 M.T.	#3 J.T.
	20303	#3 M.T.	#3 J.T.
	20403	#4 M.T.	#3 J.T.
	20304	#3 M.T.	#4 J.T.
	20404	#4 M.T.	#4 J.T.
Morse Taper Arbors To Fit Threaded Mount Tapping Attachments			
Arbor Type	Catalog No.	Arbor Description	Tapping Attachment Mount Size
	20250	#2 M.T.	1/2-20
	20287	#2 M.T.	7/8-20
	20387	#3 M.T.	7/8-20
	20487	#4 M.T.	7/8-20
	20315	#3 M.T.	1-1/2-18
	20415	#4 M.T.	1-1/2-18
	20515	#5 M.T.	1-1/2-18
	29104	#5 M.T.	2-1/4-10
	29105	#6 M.T.	2-1/4-10
Straight Shank Arbors To Fit Jacobs Taper Mount Tapping Attachment			
Catalog Arbor Type	Arbor No.	Tapping Attachment Description	Mount Size
	25001	1/2" S.S.	#1 J.T.
	25033	1/2" S.S.	#33 J.T.
	26233	5/8" S.S.	#33 J.T.
	27533	3/4" S.S.	#33 J.T.
	25003	1/2" S.S.	#3 J.T.
	26203	5/8" S.S.	#3 J.T.
	27503	3/4" S.S.	#3 J.T.
	20003	1" S.S.	#3 J.T.
	25006	1/2" S.S.	#6 J.T.
	Straight Shank Arbors To Fit Threaded Mount Tapping Attachments		
Arbor Type	Catalog No.	Arbor Description	Tapping Attachment Mount Size
	25037	1/2" S.S.	3/8-24
	25087	1/2" S.S.	7/8-20
	26287	5/8" S.S.	7/8-20
	27587	3/4" S.S.	7/8-20
	28787	7/8" S.S.	7/8-20
	20087	1" S.S.	7/8-20
	20015	1" S.S.	1-1/2-18

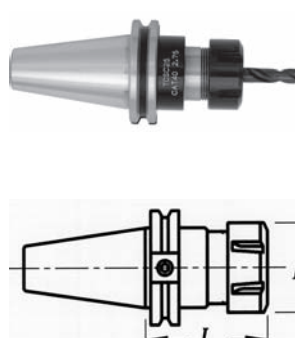
R8 Arbors To Fit Jacobs Taper Mount Tapping Attachments			
Arbor Type	Catalog No.	Arbor Description	Tapping Attachment Mount Size
	20833	R-8 Bridgeport	#33 J.T.
	20803	R-8 Bridgeport	#3 J.T.
	20804	R-8 Bridgeport	#4 J.T.
R8 Arbors To Fit Threaded Mount Tapping Attachments			
Arbor Type	Catalog No.	Arbor Description	Tapping Attachment Mount Size
	20887	R-8 Bridgeport	7/8-20
	20815	R-8 Bridgeport	1-1/2-18
NMTB Arbors To Fit Threaded Mount Tapping Attachments			
Arbor Type	Catalog No.	Arbor Description	Tapping Attachment Mount Size
	23050	NMTB-30	1/2-20
	24050	NMTB-40	1/2-20
	23087	NMTB-30	7/8-20
	24087	NMTB-40	7/8-20
	23015	NMTB-30	1-1/2-18
	24015	NMTB-40	1-1/2-18
	25015	NMTB-50	1-1/2-18
	29106	NMTB-50	2-1/4-10
Kwik Switch Arbors To Fit Threaded Mount Tapping Attachments			
Arbor Type	Catalog No.	Arbor Description	Tapping Attachment Mount Size
	22087	200 Kwik Switch	7/8-20
	23187	300 Kwik Switch	7/8-20
	23115	300 Kwik Switch	1-1/2-18

# Accessories TCSC Solid ER Holders For Drilling, Boring, Milling, Reaming, Thread Milling

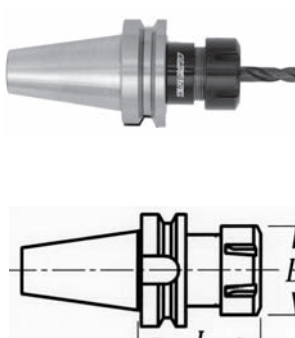
## TCSC Solid ER Collet Holder With Straight Shank

	Clamping Capacity	Model	Mount	Catalog No.	Collet Series Order Separately	Weight	L	B
	.039-.472 1mm-12mm	TCSC25	1" SS	35825	#25	.9 Lb. .4 kg.	1.71 43mm	1.650 42mm
.079-1.181 2mm-30mm	TCSC40	1" SS	35840	#40	1.7Lb. .8 kg.	2.480 58mm	2.30 63mm	

## TCSC Solid ER Collet Holder With CAT Shank Holder ID is concentric to CAT shank within .0002 TIR.

	Clamping Capacity	Model	Mount	Catalog No.	Collet Series Order Separately	Weight	L	B
	.039-.394 1mm-10mm	TCSC16	CAT 40	3516C40275	#16	2.5 lb.	2 3/4"	1.07"
CAT 40			3516C40567	#16	3.0 lb.	6"	1.07"	
CAT 50			3516C50500	#16	7.6 lb.	5"	1.07"	
CAT 50			3516C50700	#16	8.2 lb.	7"	1.07"	
.039-.511 1mm-13mm	TCSC20	CAT 40	3520C40275	#20	2.6 lb.	2 3/4"	1.34"	
		CAT 40	3520C40600	#20	3.3 lb.	6"	1.34"	
		CAT 50	3520C50500	#20	7.8 lb.	5"	1.34"	
		CAT 50	3520C50700	#20	8.4 lb.	7"	1.34"	
.039-.630 1mm-16mm	TCSC25	CAT 40	3525C40275	#25	2.6 lb.	2 3/4"	1.65"	
		CAT40	3525C40600	#25	3.7 lb.	6"	1.65"	
		CAT 50	3525C50500	#25	8.6 lb.	5"	1.65"	
		CAT 50	3525C50700	#25	8.8 lb.	7"	1.65"	
.079-.787 2mm-20mm	TCSC32	CAT 40	3532C40275	#32	2.7 lb.	2 3/4"	1.96"	
		CAT 40	3532C40600	#32	4.4 lb.	6"	1.96"	
		CAT 50	3532C50500	#32	8.8 lb.	5"	1.96"	
		CAT 50	3532C50700	#32	9.8 lb.	7"	1.96"	

## TCSC Solid ER Collet Holders With BT Shank Holder ID is concentric to BT shank within .0002 TIR.

	Clamping Capacity	Model	Mount	Catalog No.	Collet Series Order Separately	Weight	L	B
	.039-.394 1mm-10mm	TCSC16	BT 40	3516B40275	#16	2.6 lb.	2 3/4"	1.07"
BT 40			3516B40600	#16	3.1 lb.	6"	1.07"	
BT 50			3516B50600	#16	9.0 lb.	6"	1.07"	
.039-.511 1mm-13mm	TCSC20	BT 40	3520B40275	#20	2.6 lb.	2 3/4"	1.34"	
		BT 40	3520B40600	#20	3.3 lb.	6"	1.34"	
		BT 50	3520B50600	#20	9.3 lb.	6"	1.34"	
.039-.680 1mm-16mm	TCSC25	BT 40	3525B40275	#25	2.7 lb.	2 3/4"	1.65"	
		BT 40	3525B40600	#25	3.8 lb.	6"	1.65"	
		BT 50	3525B50600	#25	9.6 lb.	6"	1.65"	
.079-.787 2mm-20mm	TCSC32	BT 40	3532B40275	#32	2.9 lb.	2 3/4"	1.96"	
		BT 40	3532B40600	#32	4.6 lb.	6"	1.96"	
		BT 50	3532B50600	#32	10.3 lb.	6"	1.96"	

For Use With Standard Steel Collets. See following pages.

# Accessories Standard ER Steel Collets And ER Flex-Steel Collets

## Standard ER Steel Collets

For Tapping We Recommend The Use Of Square Drive Steel Collets When Sizes Are Available.



Series	Catalog No.	Collet Range	Tap Size
#8 Series	20910	.039-.059	
	20911	.059-.079	
	20912	.079-.098	
	20913	.098-.118	
	20915	.118-.142 Standard	#0-#4
	20917	.138-.157	
	20918	.157-.177	
#11 Series	20929	.098-.118	
	20930	.118-.142	#4-#6
	20931	.137-.157	
	20932	.157-.177	#8
	20934	.177-.197	
	20933	.197-.217	
	20934	.177-.197	#10
	20935	.217-.236	#12
	20936	.236-.256	1/4"
#16 Series	20940	.118-.157	#6
	20943	.157-.197	#8, #10
	20945	.197-.236	#12
	20946	.236-.276	1/4"
	20949	.276-.315	
	20950	.315-.354	5/16", 7/16"
	20953	.354-.394	3/8"-1/2"
#20 Series	20983	.118-.157	#6
	20984	.157-.197	#8, #10
	20985	.197-.236	#12
	20977	.236-.276	1/4"
	20986	.276-.315	
	20978	.315-.354	5/16", 7/16"
	20979	.354-.394	3/8", 1/2"
	20980	.394-.433	9/16"
	20981	.433-.472	
	20982	.472-.512	5/8"
#25 Series	20963	.157-.197	
	20965	.236-.276	
	20968	.315-.354	7/16"
	20969	.354-.395	3/8", 1/2"
	20970	.394-.433	9/16"
	20971	.433-.472	
	20973	.472-.512	5/8"
	20974	.512-.551	
	20975	.551-.591	3/4"
	20976	.590-.630	

## New ER-Flex Steel Collets

ER-Flex Collets fit all existing ER steel collet holders.



**Wider Clamping Range** of up to 1.7 mm rather than only 1mm with standard steel collets.

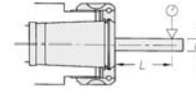
**Hardened Steel Clamping Segments** (hardness 58 to 60RC). Normal ER steel collets may only be 44 to 46 RC spring hardened to avoid cracking or breakage when flexing closed. ER Flex Collets rely on tough vulcanized rubber for flexure allowing the individual steel clamping segments to be hardened. This helps reduce any wear or damage. The ER Flex Collets can even be dropped on the floor without damage.

**Concentric according to ISO 15488 Standard Class 2 or High Precision Class 1 on request.**

**Higher Gripping Torque** provided by parallel contact over the full clamping length between the hardened steel clamping segments and the taper of the holder and the shank of the cutting tool. Excellent for holding carbide tools like thread mills.

**Automatically Sealed For Coolant Through The Spindle** applications with coolant pressure up to 30 bar.

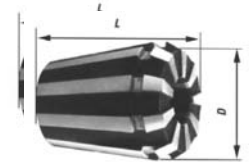
### Collet Concentricity Standard DIN 649



d Shank Diameter		L	Concentricity Tolerance	
Over	To		Class II	High Precision Class I
4.0	6.0	16	0.015	0.01
6.0	10.0	25		
10.0	18.0	40	0.020	0.015
18.0	20.0	50		

Compatible With  
DIN 6499, ISO 15488, Form B

Series	D	L	Degree of Angle
ERF 25	26	34	8
ERF 32	33	40	8



Catalog No.	Description	Clamping Range	
22506	ERF25-6	.189-.250	(4.8-6.35)
22508	ERF25-8	.268-.328	(6.8-8.33)
22510	ERF25-10	.346-.406	(8.8-10.3)
22512	ERF25-12	.425-.484	(10.8-12.3)
22513	ERF25-13	.465-.524	(11.8-13.3)
22514	ERF25-14	.504-.563	(12.8-14.3)
22516	ERF25-16	.583-.642	(14.8-16.3)
22505	ERF25	Complete Set 7 Collets	
23206	ERF32-6	.189-.256	(4.8-6.5)
23208	ERF32-8	.268-.335	(6.8-8.5)
23210	ERF32-10	.346-.413	(8.8-10.5)
23212	ERF32-12	.425-.492	(10.8-12.5)
23213	ERF32-13	.465-.531	(11.8-13.5)
23214	ERF32-14	.504-.571	(12.8-14.5)
23216	ERF32-16	.583-.650	(14.8-16.5)
23218	ERF32-18	.661-.728	(16.8-18.5)
23220	ERF32-20	.740-.806	(18.8-20.5)
23205	ERF32	Complete Set 9 Collets	