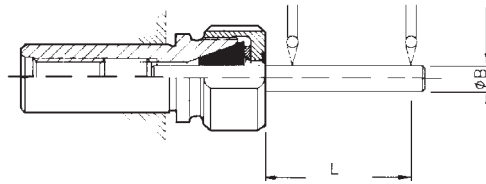


Flexible Rubber Collets

Drill Holders with Flexible Rubber-Collets up to 13 mm Capacity

Capacity can be increased to 15 mm by using special nut and flexible rubber collet J445

Accuracy: Admissible runout in a test spindle



B _{h5}	L	Admissible runout
from 0.039" to 0.063"	0.236"	0.001"
over 0.063" to 0.118"	0.394"	0.001"
over 0.118" to 0.236"	0.394"	0.001"
over 0.236" to 0.394"	1.000"	0.001"
over 0.394" to 0.590"	1.574"	0.001"

Accuracy

Techleader drill holders and flexible rubber collets are manufactured to high quality standards. Acceptable runout is guaranteed within the full collet range.



Gripping Range

Techleader drill holders using flexible rubber collets, when compared with holders using conventional collets having only a 0.5 mm gripping range, drastically reduce costs. The number of collets to cover the total capacity of the holder is less consequently the initial outlay is less and the subsequent servicing and replacement costs are minimized.



Gripping Power and Accuracy

In closing a flexible rubber collet perfect parallelism is maintained between the long collet bearing surfaces and the holder shank.

Thus the high accuracy and gripping power of Techleader drill holders are constant throughout the entire collet range.



High Quality Standard of Collet Cones

Customers who manufacture their own spindles to use Techleader flexible rubber collets, must ensure very close tolerances on the mating cone angle, otherwise, the essential parallelism will not be obtained.



Nuts for Flexible Rubber Collets

Order No.	Model	Collet
410-000-N	41	J115-J116-J117
420-000-N	42	J423-J420
420-000-N	42	J421-J442
440-000-N	44	J444-J441
440-000-N	44	J443-J440
440-000-N1	44	J445



Spanners for Flexible Rubber Collet Nuts

Order No.	Model
410-000-S	41
420-000-S	42
440-000-S	44

Drill Holders with Cylindrical Shank

Order No.	Model	Capacity	Shank dia	Length
410-005	41	1-6.5 mm/0.040"-0.256"	5/8"	1.18"
410-010	41	1-6.5 mm/0.040"-0.256"	3/4"	1.81"
420-010	42	2-10 mm/0.079"-0.394"	3/4"	1.81"
420-015	42	2-10 mm/0.079"-0.394"	1"	1.81"
440-015	44	1.8-15 mm/0.070"-0.590"	1"	1.81"

Drill Holders with Morse Taper shank DIN 228

Order No.	Model	Capacity	Shank dia
410-001	41	1-6.5 mm/0.040"-0.256"	MT.1
410-002	41	1-6.5 mm/0.040"-0.256"	MT.2
420-001	42	2-10 mm/0.079"-0.394"	MT.1
420-002	42	2-10 mm/0.079"-0.394"	MT.2
420-003	42	2-10 mm/0.079"-0.394"	MT.3
440-001	44	1.8-15 mm/0.070"-0.590"	MT.1
440-002	44	1.8-15 mm/0.070"-0.590"	MT.2
440-003	44	1.8-15 mm/0.070"-0.590"	MT.3

Order No.	Model	Collet	Size
410-115	41	J115	0.010"-0.098"
410-116	41	J116	0.098"-0.177"
410-117	41	J117	0.177"-0.256"
420-423	42	J423	0.079"-0.177"
420-420	42	J420	0.177"-0.315"
420-421	42	J421	0.138"-0.256"
420-422	42	J422	0.256"-0.394"
440-444	44	J444	0.071"-0.177"
440-441	44	J441	0.177"-0.394"
440-443	44	J443	0.110"-0.276"
440-440	44	J440	0.276"-0.512"
440-445	44	J445	0.354"-0.590"