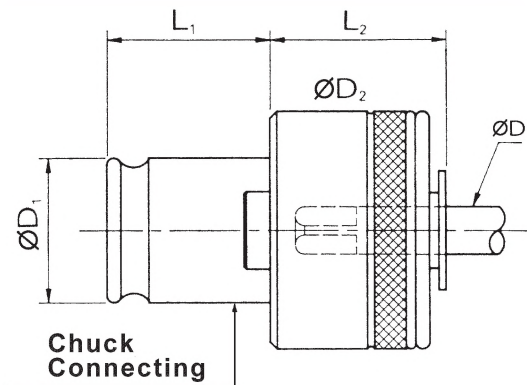




Quick Change Tapping Collet



QUICK CHANGE TAP COLLETS
(with overload safety collet)



CHUCK SUIT FOR DIA. ØD1
 TC-312,312B IS Ø19 MM
 TC-820,820B IS Ø31 MM
 TC-1433,1433B IS Ø48 MM

- Torque is factory-set to protect the tap. Small adjustments can be made by a trained user to accommodate tap strength and material variations.
- Collet stops driving when set torque is exceeded.
- Every tap needs a match size tapping collet.
- ØD1 is chuck suit for dia.

Tapping Collet
 Reducer / Adapter

This adapter is for transforming
 This adapter allows the VAT-tapping spindle to use smaller size.
 Transforming the big tapping size to smaller one.

Large range type for tap M3~M24,
 TC312, TC820, TC1433
 COST SAVING!
 Please see the page C118



Connecting Size List

QUICK CHANGE TAP COLLETS
(with overload safety collet)



1PC ≒ 0.18kg

JIS SYSTEM SIZE ※ORDER NO. SAME COLOR ARE INTER-CHANGEABLE

Size	Thread	Tap Shank		Ø D1	L1	L2	ORDER NO.	CODE NO.	ØD x □ Size same as JIS inch or mm
		ØD	□						
TC 312 (#1)	M2	3	2.5	Suit for DIA. 19	22	25	312-00	3404-200A	
	M3	4	3.2				312-01	3404-200	W1/8"
	M4	5	4				312-02	3404-201	M4.5
	M5	5.5	4.5				312-03	3404-202	M5.5, W3/16"
	M6	6	4.5				312-04	3404-203	W1/4", UNC1/4"
	M7	6.2	5				312-05	3404-204	M8
	M8	6.2	5				312-06	3404-205	M7
	M9	7	5.5				312-07	3404-206	M10, W3/8", UNC3/8"
	M10	7	5.5				312-08	3404-207	M9, W3/8", UNC3/8"
	M11	8	6				312-09	3404-208	W7/16", PT1/8", PS1/8", PF1/8", UNC7/16"
	M12	8.5	6.5				312-10	3404-209	
	•M14	10.5	8				•312-11	3404-210	M15, W9/16", UNC9/16"
	•M15	10.5	8				•312-12	3404-211	M14, W9/16", UNC9/16"
	UNC 1/4	6	4.5				312-13	3404-212	M6, W1/4"
	UNC 5/16	6.1	5				312-14	3404-213	
	UNC 3/8	7	5.5				312-15	3404-214	M9, M10, W3/8"
	UNC 7/16	8	6				312-16	3404-215	M11, W7/16", PT1/8", PS1/8", PF1/8"
	UNC 1/2	9	7				312-17	3404-216	W1/2"
	•UNC 9/16	10.5	8				•312-18	3404-217	M14, M15, W9/16"
	PT 1/8	8	6				312-19	3404-218	M11, W7/16, PS1/8", PF1/8", UNC7/16"
PT 1/4	11	9	312-20	3404-219	PS1/4, PF1/4				

JIS SYSTEM SIZE

※ORDER NO. SAME COLOR ARE INTER-CHANGEABLE

1PC ≒ 0.6kg

Size	Thread	Tap Shank		ØD1	L1	L2	ORDER NO.	CODE NO.	ØD x □ Size same as JIS inch or mm
		ØD	□						
TC820 (#2)	M6	6	4.5	Suit for DIA. 31	36	30.5	820-00A	3404-228	W1/4", UNC1/4"
	M7	6.2	5				820-01	3404-230	M8
	M8	6.2	5				820-02	3404-231	M7
	M9	7	5.5				820-03	3404-232	M10, W3/8", UNC3/8"
	M10	7	5.5				820-04	3404-233	M9, W3/8", UNC3/8"
	M11	8	6				820-05	3404-234	W7/16", UNC7/16", PT1/8", PS1/8", PF1/8"
	M12	8.5	6.5				820-06	3404-235	
	M14	10.5	8				820-07	3404-226	M15, W9/16", UNC9/16"
	M15	10.5	8				820-08	3404-237	M14, W9/16", UNC9/16"
	M16	12.5	10				820-09	3404-238	
	M17	13	10				820-10	3404-239	
	M18	14	11				820-11	3404-240	W3/4", PT3/8", PS3/8", PF3/8", UNC3/4"
	M20	15	12				820-12	3404-241	
	M22	17	13				820-13	3404-242	W7/8", UNC7/8"
	UNC 3/8	7	5.5				820-14	3404-243	M9, M10, W3/8"
	UNC 7/16	8	6				820-15	3404-244	M11, W7/16", PT1/8", PS1/8", PF1/8"
	UNC 1/2	9	7				820-16	3404-245	W1/2"
	UNC 9/16	10.5	8				820-17	3404-246	M14, M15, W9/16"
	UNC 5/8	12	9				820-18	3404-247	W5/8"
	UNC 3/4	14	11				820-19	3404-248	M18, W3/4", PT3/8", PS3/8", PF3/8"
	UNC 7/8	17	13				820-20	3404-249	M22, W7/8"
	PT 1/8	8	6				820-21	3404-250	M11, W7/16", UNC7/16", PS1/8", PF1/8"
	PT 1/4	11	9				820-22	3404-251	PS1/4", PF1/4"
	PT 3/8	14	11				820-23	3404-252	M18, W3/4", PS3/8", PF3/8", UNC3/4"
PT 1/2	18	14	820-24	3404-253	PS1/2", PF1/2"				
M24	19	15	820-25	3404-254	M25, PF5/8"				

TAPPING CHUCKS

JIS SYSTEM SIZE

※ORDER NO. SAME COLOR ARE INTER-CHANGEABLE

1PC ≒ 1.8kg

Size	Thread	Tap Shank		ØD1	L1	L2	ORDER NO.	CODE NO.	ØD x □ Size same as JIS inch or mm
		ØD	□						
TC 1433 (#3)	M14	10.5	8	Suit for DIA. 48	56	45	1433-01	3404-260	M15, W9/16", UNC9/16"
	M15	10.5	8				1433-02	3404-261	M14, W9/16", UNC9/16"
	M16	12.5	10				1433-03	3404-262	
	M17	13	10				1433-04	3404-263	
	M18	14	11				1433-05	3404-264	W3/4", UNC3/4", PT3/8", PS3/8", PF3/8"
	M20	15	12				1433-06	3404-265	
	M22	17	13				1433-07	3404-266	W7/8", UNC7/8"
	M24	19	15				1433-08	3404-267	M25, PF5/8"
	M25	19	15				1433-09	3404-268	M24, PF5/8"
	M26	20	15				1433-10	3404-269	M27, W1", UNC1"
	M27	20	15				1433-11	3404-270	M26, W1", UNC1"
	M28	21	17				1433-12	3404-271	
	M30	23	17				1433-13	3404-272	PT3/4", PS3/4", PF3/4"
	M32	24	19				1433-14	3404-273	W1-1/4", PF7/8", UNC1-1/4"
	M33	25	19				1433-15	3404-274	
	M34	26	21				1433-16	3404-275	M35, W1-3/8", PT1", PS1", PF1", UNC1-3/8"
	M35	26	21				1433-17	3404-276	M34, W1-3/8", PT1", PS1", PF1", UNC1-3/8"
	M36	28	21				1433-18	3404-277	
	UNC 9/16	10.5	8				V433-19	3404-278	M14, M15, W9/16"
	UNC 5/8	12	9				1433-20	3404-279	
	UNC 3/4	14	11				1433-21	3404-280	M18, W3/4", PT3/8", PS3/8", PF3/8"
	UNC 7/8	17	13				1433-22	3404-281	M22, W7/8"
	UNC 1	20	15				1433-23	3404-282	M26, M27, W1"
	UNC 1 1/8	22	17				1433-24	3404-283	
	UNC 1 1/4	24	19				1433-25	3404-284	M32, W1-1/4", PF7/8"
	UNC 1 3/8	26	21				1433-26	3404-285	M34, M35, W1-3/8", PT1", PS1", PF1"
	PT 1/4	11	9				1433-27	3404-286	
	PT 3/8	14	11				1433-28	3404-287	M18, W3/4", PT3/8", PS3/8", PF3/8", UNC3/4"
	PT 1/2	18	14				1433-29	3404-288	
	PT 3/4	23	17				1433-30	3404-289	M30, PS3/4", PF3/4"
	PT 1	26	21				1433-31	3404-290	M34, M35, W1-3/8", PS1", PF1", UNC1-3/8"