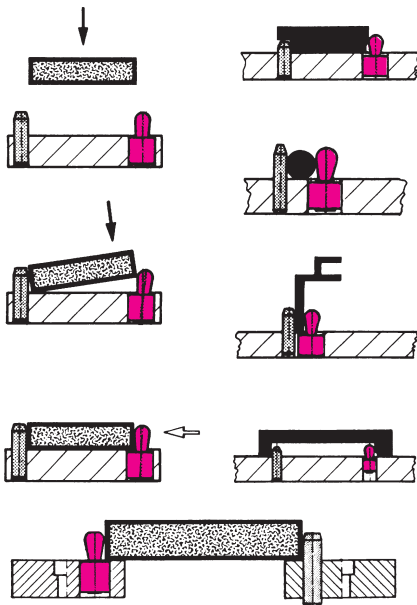


Spring Clamping Element 10-300 N, WPR-System



These spring clamping elements are designed for quicker, safer and more economic work-piece positioning and clamping within clamping range of 10-300 N.

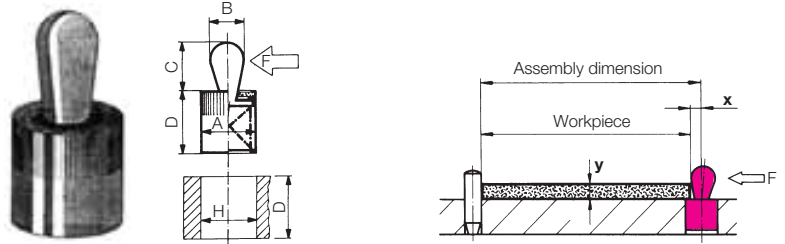


Function

The clamping force is generated by displacement of a spring-loaded pin. Clamping force and clamping path are indicated in the chart.

With sealing

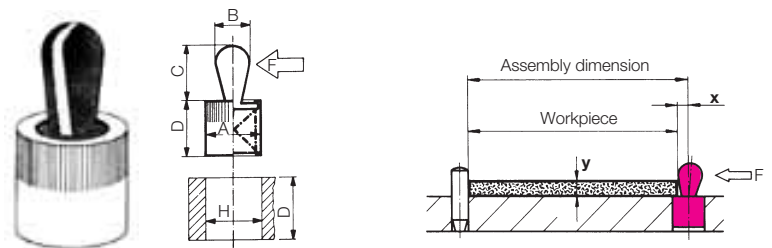
Elements of range 3112-1XX are equipped with additional sealing against swarf and coolants and are particularly suitable for its application in the metal cutting machining.



A	B	C	D	H	F	y=1.0	y=2.0	y=3.0	y=4.5	y=6.0	y=8.0	y≥10.0	Weight	Part-no.
		-1			[N]	x	x	x	x	x	x	x	[g]	
6	3	4	7	6H11	10								1	3112-120
					20	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1	3112-121
					40								1	3112-122
10	5	6	12	10H11	20								2	3112-123
					50		1.5	1.7	1.7	1.7	1.7	1.7	2	3112-124
					100								2	3112-125
10	6	10	12	10H11	40								2	3112-126
					75				1.7	1.9	1.9	1.9	2	3112-127
					150								2	3112-128
12	8	13	14	12H11	50								8	3112-129
					100					2.4	2.6	2.6	8	3112-130
					200								8	3112-131
16	10	16	18	16H11	100								16	3112-132
					200						3.1	3.4	16	3112-133
					300								16	3112-134

Without sealing

Elements of range 3122-2XX without the extra sealing are suitable for assembly and welding.



A	B	C	D	H	F	y=1.0	y=2.0	y=3.0	y=4.5	y=6.0	y=8.0	y≥10.0	Weight	Part-no.
		-1			[N]	x	x	x	x	x	x	x	[g]	
6	3	5.0	7	6H11	10								1	3112-000
					20	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1	3112-001
					40								1	3112-002
10	5	7.7	11	10H11	20								2	3112-003
					50		1.5	1.7	1.7	1.7	1.7	1.7	2	3112-004
					100								2	3112-005
10	6	11.6	11	10H11	40								2	3112-006
					75				1.7	1.9	1.9	1.9	2	3112-007
					150								2	3112-008
12	8	15.1	13	12H11	50								8	3112-009
					100					2.4	2.6	2.6	8	3112-010
					200								8	3112-011
16	10	18.2	17	16H11	100								16	3112-012
					200						3.1	3.4	16	3112-013
					300								16	3112-014

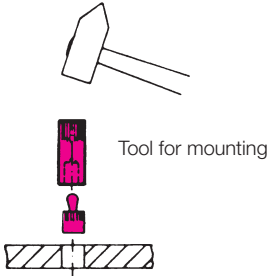
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E-mail: chengff@sh163.net

Mounting

Tools as per chart opposite are available for mounting. Insertion into bore hole can be effected by hammer or press (see fig.).



Tools for mounting

5 sizes as per dimension B as per chart page 1.

	Part-no.
3	3112-140
5	3112-141
6	3112-142
8	3112-143
10	3112-144

Application examples

