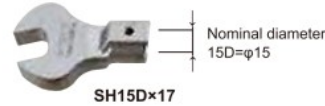


The Relationship between Interchangeable Heads and Torque Wrenches

Tohnichi's interchangeable head wrenches have specific diameter round ends that fit into corresponding head base openings. Head and wrench model names include the diameter sizes so heads can be matched to wrenches that will accept those heads.

For example: SH15D×17 will fit on CL100N×15D

A variety of different head types (SH, RH, QH, RQH, FH, DH, AH and SH-N) can be used on one wrench or different types of wrenches such as CL (for tightening) and CEM3-G (for inspection) can use the same head that has the corresponding diameter size.

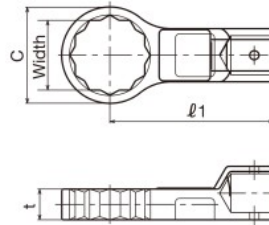


RH Ring Head

RoHS

The RH type ring heads guarantee the safe work as the axes of bolt and RH ring head are always aligned and prevent the heads will drop.

Note: RH8D×5.5 to RH8D×7 are single hex shape.



RH15D×17

Tohnichi Head Size	Model (Body Size × Width)	Allowable Torque		Outside Width C [mm]	Thickness t [mm]
		[N·m]	[kgf·cm]		
8D	RH8D×5.5	1.5	15	10.5	5
	RH8D×6	2.4	24	11	
	RH8D×7	3.6	36	12	6
	RH8D×8	7.2	72	13.5	
	RH8D×10	12.2	122	15.5	
	RH8D×11			17	7
10D	RH10D×8	15	140	18	
	RH10D×10			19	
	RH10D×11	7.2	72	12.5	6
	RH10D×12	12.2	122	15.5	7
	RH10D×13	20	200	17	
	RH10D×14			18	
12D	RH12D×8			19	
	RH12D×10			20	
	RH12D×11			22	
	RH12D×12	25	250	24	8
	RH12D×13			25	
	RH12D×14			26	
15D	RH15D×8			28	
	RH15D×10			29	
	RH15D×11	7.2	72	15	5
	RH15D×12	12.2	122	16	
	RH15D×13	20	200	18	5.5
	RH15D×14			20	6.5
18D	RH18D×8	29.5	295	21	
	RH18D×10			20	
	RH18D×11			24	10
	RH18D×12			25	
	RH18D×13			26	12
	RH18D×14	70	700	29	
20D	RH20D×15			30	13
	RH20D×16			31	
	RH20D×17	29.5	295	19	7
	RH20D×18			22	
	RH20D×19	59	590	25	8
	RH20D×20			26	10
25D	RH25D×15			28	
	RH25D×16			31	
	RH25D×17			34	13
	RH25D×18	140	1400	37	
	RH25D×19			41	
	RH25D×20			41	

Tohnichi Head Size	Model (Body Size × Width)	Allowable Torque		Outside Width C [mm]	Thickness t [mm]
		[N·m]	[kgf·cm]		
19D	RH19D×14	59	590	22.5	8
	RH19D×17			27	10
	RH19D×18	100	1000	28	11
	RH19D×19			29	
	RH19D×21	166	1660	32	13
	RH19D×22			35	
22D	RH22D×19			39	
	RH22D×24			41	
	RH22D×27	200	2000	44	15
	RH22D×30			47	
	RH22D×32			49	
	RH22D×34			55	
27D	RH27D×19	166	1660	30	14
	RH27D×22	255	2550	34	
	RH27D×24			37	15
	RH27D×27	490	4900	41	
	RH27D×30			44	
	RH27D×32			45	
32D	RH32D×19			49	17
	RH32D×24	500	5000	51	
	RH32D×27			57	
	RH32D×30			62	
	RH32D×32	255	2550	38	14
	RH32D×34	350	3500	42	16
37D	RH37D×24	490	4900	46	19
	RH37D×27	670	6700	48	
	RH37D×30			51	20
	RH37D×32	750	7500	52	21
	RH37D×34			58	22
	RH37D×36	750	7500	64	24
42D	RH42D×30			69	26
	RH42D×32	490	4900	43	16
	RH42D×34	670	6700	46.5	
	RH42D×36	860	8600	49	18
	RH42D×38			52	
	RH42D×40			53	
47D	RH47D×32			59	24
	RH47D×34	1200	12000	65	
	RH47D×36			69	27
	RH47D×38			75	
	RH47D×40			80	29
	RH47D×42			80	

Inch Size Models

Commonly used in the airline industry and for specific American product installation and maintenance.

Tohnichi Head Size	Model (Body Size × Inner Width [in])	Inner Width [mm]	Allowable Torque		Outside Width C [mm]	Thickness t [mm]
			N·m	[lb·ft]		
8D	RH8D×1/4	6.35	3.6 [31]		11 [0.43]	5 [0.20]
	RH8D×5/16	7.94	7.2 [63]		13.5 [0.53]	6 [0.24]
	RH8D×3/8	9.53	12.2 [108]		15 [0.59]	7 [0.28]
	RH8D×7/16	11.11	15 [132]		17 [0.67]	
10D	RH10D×1/4	6.35			11 [0.43]	
	RH10D×5/16	7.94	7.2 [64]		12.5 [0.49]	6 [0.24]
	RH10D×3/8	9.53	12.2 [108]		15.5 [0.61]	7 [0.28]
	RH10D×7/16	11.11			17 [0.67]	
12D	RH12D×1/2	12.7	25 [221]		19 [0.75]	8 [0.31]
	RH12D×9/16	14.29			20 [0.79]	
	RH12D×3/8	9.53	12.2 [108]		16 [0.63]	5 [0.20]
	RH12D×7/16	11.11	20 [177]		18 [0.71]	5.5 [0.22]
15D	RH15D×1/2	12.7	29.5 [261]		21 [0.83]	6.5 [0.26]
	RH15D×9/16	14.29			20 [0.79]	
18D	RH18D×5/8	15.88	59 [522]		24 [0.94]	10 [0.39]

Tohnichi Head Size	Model (Body Size × Inner Width [in])	Inner Width [mm]	Allowable Torque		Outside Width C [mm]	Thickness t [mm]
			N·m	[lb·ft]		
15D	RH15D×1/2	12.7	29.5 [261]		19 [0.81]	7 [0.28]
	RH15D×9/16	14.29			22 [0.87]	
	RH15D×5/8	15.88	59 [522]		25 [0.98]	8 [0.31]
	RH15D×11/16	17.46	100 [885]		26 [1.06]	10 [0.39]
18D	RH18D×3/4	19.05	140 [1239]		28 [1.10]	13 [0.51]

